

BG-EXH-70C

4K 18Gbps HDMI Extender with Bi-directional IR and Zero Latency up to 70m/230ft

With a new IPCOLOR technology (a global leading and innovative protocol for UHD video digital transmission with lossless compression) this extender is capable of transmitting HDMI signals with zero latency across distances of up to 70 meters (230 ft) over a single Cat6/6a/7 cable.

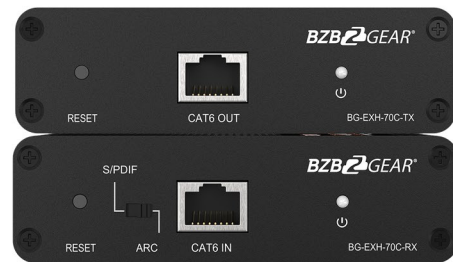
With 18Gbps bandwidth it supports many video resolutions up to 4K 60fps 4:4:4 HDR as well as modern audio formats as DTS-HD, Dolby Digital 5.1CH and Dolby TrueHD 7.1CH.

Aluminum housing and integrated surge protection provides more durability for your setup.



FEATURES

- Supports resolutions up to 4K@60Hz
- 4K@60Hz signal can be transmitted 70 meters over Cat6/6A/7 cable
- Digital audio can be extracted via the optical audio port
- Supports LPCM, DTS-HD, DTS Audio, Dolby Digital, and Dolby TrueHD
- Zero Latency
- Easy setup, no drivers to install
- Connect an additional display to the transmitter
- Integrated surge protection increases reliability
- Surge Protection, ESD Protection
- Supports HDR(YUV 4:4:4), EDID passthrough



Specifications

Technical

HDMI compliance: HDMI2.0, compatible HDMI1.4

HDCP compliance: HDCP2.2, compatible HDCP1.4

Transmission medium: CAT6/CAT6A/CAT7

Transmission distance: CAT6/6A/7 Transmission 70 meters

Video bandwidth: 18Gbps

Resolution support: 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 3840x2160@24/25/30/50/60Hz, 4096x2160@24/25Hz, 1280x960, 1280x800, 1280x768, 1680x1050, 1360x768, 1366x768, 1600x900, 1024x768, 800x600

Audio support: LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH/Dolby TrueHD 7.1CH

HDR10 (YUV4:4:4): support

HDMI Loop-out: support

ARC and S/PDIF out: support

EDID through: support

Bi-directional IR passback: support

Input TMDS signal: 0.7-1.2Vp-p

Input DDC signal: 5Vp-p

Input: TX: HDMI x1, DC2.1 x1, 3.5mm jack x1 (IR); RX: DC2.1 x1, RJ45 x1, 3.5mm jack x1 (IR)

OutputTX: HDMI x1, RJ45 x1, 3.5mm jack x1 (IR); RX: HDMI x1, RJ45 x1, 3.5mm jack x1 (IR), Optical x1

HDMI connector: Type A 19 Pins, Female

Network cable standard: CAT6/CAT6A/CAT7, follow IEEE-5688 standard

Mechanical

Housing: Aluminium alloy material+crystal panel

Dimensions (LxWxH mm): 4.2"(L) x 3.9"(W) x 1.0"(H) [106.0(L) x 99.0(W) x 26.2(H)mm]

Net weight: 0.46lbs [210g]

Power supply: 5V/2A

Power consumption: 4W

Operation temperature: -4-140°F / -20-60°C

Storage temperature: -22-158°F / -30-70°C

Relative humidity: 0-90% (no condensation)

Industry-Leading Warranty & Support

BZBGear Pro AV products and Cameras come with a three-year warranty. An extended two-year warranty is available for our Cameras upon registration for a total of five years.

We pride ourselves in our Customer Service and seven-days-a-week Tech Support.

